

REMARKS

In accordance with the foregoing, claims 22, 133, and 140 have been cancelled without prejudice or disclaimer and claims 1, 2, 6, 8-11, 13-14, 16-17, 19-21, 23, 24, 26-28, 30, 32, 35, 37, 40-42, 44, 54-56, 58, 83-85, 93-95, 100-131, 134-138, 141-145, and 147 have been amended. No new matter is being presented, and approval and entry are respectfully requested.

Claims 1, 2, 6, 8-11, 13-21, 23-28, 30, 32, 35, 37, 40-44, 54-58, 78, 83-85, 91-98, and 110-132, 134-139, and 141-149 are pending and under consideration. Reconsideration of the allowability of all pending claims is respectfully requested.

REJECTIONS UNDER 35 USC § 103

Claims 1-2, 20, 41, 54-58, 64, 78, and 83-98 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Inoue et al. (U.S. Patent No. 6,580,462) in view of the Office Action's indicated well known knowledge in the art.

It appears to typo-error that claim 84 is not rejected at item 6 of the disposition of the rejected claims.

Subsequent to the interview conducted on June 8, 2011, claim 1 has been amended to clarify the present invention in accordance with the agreement of the interview.

Claim 1 has been amended to recite "A display apparatus enclosure capable of being connected to an external storage device disposed external to the display apparatus, the display apparatus comprising: a receiving processor that receives a television broadcasting signal and at least one of a digital video signal and an audio signal from the external storage device; a controller that, if a user commands storage of the received the television broadcasting signal, stores the received television broadcasting signal in the external storage device; a display unit to display the received digital video signal; and a speaker to output the received audio signal; wherein the controller is connected to the external storage device through the port and the controller downloads a file system, which stored in the external storage device, to the display apparatus and forms the virtual file system to control the storage device based on the downloaded file system."

In view of the amendment, it is respectfully requested that this rejection of independent claim 1 be withdrawn and independent claim 1 be allowed.

In addition, claims 20, 41, 54-55 are also patentable due at least to the same or similar rationale as claim 1, as well as for the additional recitations therein.

In addition, claims 2, 83-85, 56-58, 78, and 91-98 are also patentable due at least to depending from independent claims 1, 30, 55, respectively, as well as for the additional recitations therein.

In addition, claims 78, 91-98 are patentable due at least to their depending from claim 30, as well as for the additional recitations therein.

Claims 6, 8-11, 13-18, 21-27, 30, 32, 35, 37, and 40 are, stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Inoue et al. (US 2003/0192058 A1) in view of Plourde, JR.

Claim 13 has been amended to recite "A display apparatus capable of being connected to an external storage device, the apparatus comprising: a display unit to display the received digital video signal; a speaker to output the received audio signal; a receiving processor to receive at least one of a digital video signal and an audio signal; a controller that forms a virtual file system to control the external storage device based on a file system downloaded from the external storage device, wherein, if a user requests storage of the received digital video signal and audio signal, the controller stores the received digital video signal and audio signal in the external storage device in real time with reference to information generated on the basis of the formed virtual file system, and if the user requests reproduction of the digital video signal and audio signal stored in the external storage device, the controller reproduces the stored video signal and an audio signal from the external storage device with reference to the information generated on the basis of the virtual file system; and an output unit, to output the reproduced video signal and audio signal, wherein the controller is connected to the external storage device through a port."

Thus, in view of above amended, the combination of Inoue et al. and Plourde, JR does not teach or suggest the invention as recited in claim 13.

Claim 22 has been canceled without prejudice or disclaimer.

In addition, claims 6, and 8-11, 14-18, and 21, 23-27 patentable due at least to their depending from claims 1, 13, and 20, respectively, as well as for the additional recitations therein.

Claim 30 has been amended to recite "forming a virtual file system for controlling the external storage device based on a file system from the external storage device..." which is not disclosed, taught, or suggested by the combination of Inoue et al. and Plourde JR.

Thus, it is respectfully submitted that independent claims 30 and 40 and claims 32, 35, and 37 which depend from claim 30 are patentable.

Claims 110 has been amended to recite "A television system capable of being connected to an external storage device disposed external to the broadcasting signal receiver, the broadcasting signal receiver comprising: an output unit outputting first information to control the external storage device, at least one of video signals and audio signals; a controller controlling the output unit to output the first information, reading at least one video signal and an

audio signal from the external storage device according to a request based on the first information, and controlling the output unit to output the read at least one of video signal and audio signal; a display unit to display the received digital video signal; and a speaker to output the received audio signal, wherein the first information comprises management information for the external storage device, the controller downloads a file system from the external storage device, forms virtual file system based on the file system downloaded from the external storage device, generates the management information based on a virtual file system, and outputs the generated management information to the output unit.”

Thus, it is respectfully submitted that the combination of Inoue et al. and Plourde JR does not teach or suggest the invention as recited in claim 110.

In addition, claim 129 is also patentable due at least to the same or similar rationales as claim 110, as well as for the additional recitations therein.

Claims 133 and 140 have been canceled without prejudice or disclaimer.

In addition, claims 111-128, and 130-132, 134-139, and 141-146 are patentable due at least to their depending from independent claims 110 and 129, respectively, as well as for the additional recitations therein.

Claim 147 has been amended to recite “a controller to form a virtual file system for controlling the external device using a downloaded file system from the external storage device.”

Again, neither Inoue et al. nor Plourde JR does disclose the invention as recited in claim 147.

In addition, claims 148-149 are also patentable due at least to their depending from claim 147, as well as for the additional recitations therein.

Claim 19 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Inoue et al. in view of Plourde JR and further in view of Kovacevic (U.S. Patent No. 7,030,930).

In view of amendment, Inoue et al. does not disclose the invention as recited in claim 13 and further, the Office Action acknowledges that “Inoue et al. does not disclose the output unit in Picture-In-Picture format or in a Picture-By-Picture format.” as recited in claim 19.

Further, even assuming *arguendo*, Kovacevic discloses output unit in Picture-In-Picture format or in a Picture-By-Picture format, Inoue et al. is not relied upon and does not suggest such a feature.

As such, it is respectfully submitted that the combination of Inoue et al., Plourde JR and Kovacevic does not teach or suggest the invention as recited in claim 19.

CONCLUSION

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

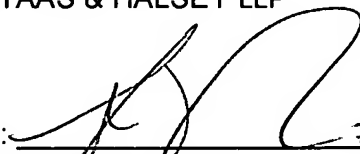
Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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